

2020 AWWA Water Audit Level 1 Validation – Review Document

Audit Information:

Utility: Bakersfield

PWS ID: 1510031

System Type: Potable

Audit Period: Calendar Year 2020

Utility Representation: Art Chianello, Sam Blue, Tylor Hester, John Ryan, Kristina (Kris) Budak – Director

Validation Date: 6/8/2021

Call Time: 8:00 am

Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 64 Data Validity Band (Level): Band III (51-70)

ILL: 2.36 Real Loss: 36.13 (gal/conn/day) Apparent Loss: 20.03 (gal/conn/day)

Non-revenue water as percent of cost of operating system: 2.4%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Larry Lewison Validator Qualifications: Contractor for California Water Loss TAP

Validator Provided

2020 AWWA Water Audit Level 1 Validation

Water System Name: Bakersfield, City of

Water System ID Number: CA1510031

Water Audit Period: Calendar Year 2020

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Increased number of well sites fully monitored by SCADA, meter replacements, field inspections to monitor for leaks

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

ART CHIARELLO

Executive Name (Print)

WATER RESOURCES MANAGER

Executive Position

[Signature]

Signature

6-18-2021

Date